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**STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH**

IN RE: **Grace Community Church Water System**
 Water System No. 1503648

TO: Phillip Bartell, Pastor
 Grace Community Church
 P.O. Box 78798
 Bakersfield, CA 93383

BY REGISTERED MAIL

**CITATION FOR NONCOMPLIANCE -- Water System No. 1503648
TOTAL COLIFORM MCL VIOLATION – July 2011
Citation No. 03-19-13C-001**

Issued on March 14, 2013

STATEMENT OF FACTS

Grace Community Church Water System (hereinafter Water System) is classified as a transient noncommunity water system and serves a population of approximately seventy (70) persons through five (5) service connections. The Water System has one (1) active source of supply, Well 01 (PS Code: 1503648-001), and a pressure tank. No treatment is provided to the well water. The Water System operates under the authority of a domestic water supply permit No. 03-19-12P-001, issued on January 24, 2012, by the California Department of Public Health.

The Southern California Drinking Water Field Operations Branch, Division of Drinking Water and Environmental Management, California Department of Public Health (hereinafter "Department") is responsible for enforcing the Safe Drinking Water Act and regulations promulgated pursuant thereto.

- 1
- 2 • The Water System is required to collect one (1) routine bacteriological sample
- 3 per quarter. Please refer to the Water System's approved Bacteriological
- 4 Sample Siting Plan (BSSP) or Table 64423-A.
- 5 • One (1) routine bacteriological quality sample collected on June 1, 2011, from
- 6 the distribution system, tested positive for total coliform bacteria.
- 7 • All three (3) repeat bacteriological quality samples collected on June 6, 2011,
- 8 from the distribution system, tested negative for total coliform bacteria.
- 9 • One (1) repeat sample (also counted towards the Ground Water Rule's trigger
- 10 source sampling requirement) collected on June 6, 2011, from Well 01 tested
- 11 negative for total coliform bacteria.
- 12 • Repeat samples were not collected within 24 hours of being notified of the
- 13 total coliform positive routine bacteriological sample result [Section
- 14 64424(a), *Authorities*].
- 15 • The Water System did not fail the total coliform maximum contaminant level
- 16 (MCL) for June 2011.
- 17 • All five (5) routine samples collected on July 6, 2011, from the distribution
- 18 system, tested positive for total coliform bacteria.
- 19 • One (1) repeat sample (also counted towards the Ground Water Rule's trigger
- 20 source sampling requirement) collected on July 8, 2011, from Well 01, tested
- 21 negative for total coliform bacteria.
- 22 • None of the bacteriological quality samples collected in June 2011 or July
- 23 2011, from the distribution system or the system well, tested positive for *E.coli*
- 24 bacteria.
- 25 • Grace Community Church Water System failed the total coliform MCL
- 26 for July 2011 [Section 64426.1(b)(2) *Authorities*].
- 27

- 1 • On July 7, 2011, Charlie Howell, of Seaco Technologies, Inc., the Water
2 System's contract operator, notified the Department that the Water System
3 failed the total coliform MCL for July 2011.
- 4 • On August 5, 2011, a public notice and Proof of Notification were emailed to
5 the Water System for the July 2011 total coliform MCL failure.
- 6 • On August 9, 2011, the Department received signed and dated copies of the
7 public notice and Proof of Notification from the Water System. According to
8 these documents, public notification was completed on August 7, 2011.
- 9 • On August 5, 2011, an investigation report was emailed to the Water System
10 for the July 2011 total coliform MCL failure.
- 11 • On August 22, 2011, the Department received a completed copy of the
12 investigation report. The investigation report was completed by Seaco
13 Technologies, Inc., on behalf of the Water System.
- 14 • The investigation report indicates the possible cause of contamination as a
15 buildup of sludge/sediments on the bottom of the pressure tank. However,
16 cleaning of the pressure tank would require depressurization of the distribution
17 system and a potential for bacteria to enter the distribution system while the
18 system is depressurized. The Department has reviewed the investigation report
19 and noted the need for cleaning of the pressure tank.
- 20 • The Water System provided emergency disinfection and flushing to clear
21 bacteriological contamination from the distribution system.
- 22 • All five (5) routine samples collected on August 2, 2011, from the distribution
23 system, tested negative for total coliform bacteria.
- 24 • All routine distribution and well bacteriological quality samples collected from
25 September 2011 to August 2012, tested negative for total coliform bacteria.
- 26
- 27

- One (1) routine bacteriological quality sample collected from the distribution system on September 4, 2012, tested positive for total coliform bacteria.
- All three (3) repeat bacteriological quality samples collected on September 7, 2012, from the distribution system, tested negative for total coliform bacteria.
- One (1) repeat sample (also counted towards the Ground Water Rule's trigger source sampling requirement) collected on September 7, 2012, from Well 01, tested negative for total coliform bacteria.
- Grace Community Church Water System did not fail the total coliform MCL for September 2012.
- All five (5) routine samples collected on October 1, 2012, from the distribution system, tested negative for total coliform bacteria.
- None of the bacteriological quality samples collected from the distribution system and the system well in September 2012, tested positive for *E.coli* bacteria.
- All routine distribution and well bacteriological quality samples collected from November 2012 to December 2012, tested negative for total coliform bacteria.
- Results of all bacteriological samples collected from January 2011 to December 2012 are summarized in **Attachment A**.

AUTHORITIES

Section 116577 of the CHSC, states in relevant part:

“(a) Each public water system shall reimburse the department for the actual costs incurred by the department for any of the following enforcement activities related to that water system:

- (1) Preparing, issuing, and monitoring compliance with, an order or citation.
- (2) Preparing, and issuing public notification

(b) The department shall submit an invoice for these enforcement costs to the public water system that requires payment prior to September 1 of the fiscal year following the fiscal year in which the costs were incurred. The invoice shall indicate the total hours expended, the reasons for the expenditure, and the hourly cost rate of the department. The costs set forth in the invoice shall not exceed the total actual costs to the department of the enforcement activities specified in this section.”...

Section 116650 of the California Health and Safety Code (hereinafter CHSC), states in relevant part:

“(a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by registered mail.

(b) Each citation shall be in writing and shall describe with particularity the nature of the violation, including a reference to the statutory provision, standard, order, or regulation alleged to have been violated.

(c) For continuing violations, the citation shall fix the earliest feasible time for elimination or correction of the condition constituting the violation where appropriate. If the public water system fails to correct a violation within the time specified in the citation, the department may assess a civil penalty as specified in subdivision (e).

(d) For a noncontinuing violation of primary drinking standards, the department may assess in the citation a civil penalty as specified in subdivision (e).

(e) Citations issued pursuant to this section shall be classified according to the nature of the violation or the failure to comply. The department shall specify the classification in the citation and may assess civil penalties for each classification as follows:

(1) For violation of a primary drinking standard, an amount not to exceed one thousand dollars (\$1,000) per day for each day that the violation occurred, including each day that the violation continues beyond the date specified for correction in the citation or order.

(2) For failure to comply with any citation or order issued for violation of a secondary drinking water standard that the director determines may have a direct or immediate relationship to the welfare of the users, an amount not to exceed one thousand dollars (\$1,000) for each day that the violation continues beyond the date specified for correction in the citation or order.

(3) For failure to comply with any citation or order issued for noncompliance with any department regulation or order, other than a primary or secondary drinking water standard, an amount not to exceed two hundred dollars (\$200) per day for each day the violation continues beyond the date specified for correction in the citation.”

Section 116655 of the CHSC, states in relevant part:

“(a) Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:

(1) Directing compliance forthwith.

(2) Directing compliance in accordance with a time schedule set by the department.

(3) Directing that appropriate preventative action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

(2) That purification or treatment works be installed.”

California Code of Regulations (hereinafter, CCR), Title 22, Section 64423, Table 64423-A establishes the minimum routine sampling requirements, and states in relevant part:

<i>Monthly Population Served</i>	<i>Service Connections</i>	<i>Minimum Number of Samples</i>
25 to 1000	15 to 400	1 per month
1,001 to 2,500	401 to 890	2 per month
2,501 to 3,300	891 to 1,180	3 per month
3,301 to 4,100	1,181 to 1,460	4 per month
4,101 to 4,900	1,461 to 1,750	5 per month
4,901 to 5,800	1,751 to 2,100	6 per month
5,801 to 6,700	2,101 to 2,400	7 per month
6,701 to 7,600	2,401 to 2,700	2 per week
7,601 to 12,900	2,701 to 4,600	3 per week

<i>Monthly Population Served</i>	<i>Service Connections</i>	<i>Minimum Number of Samples</i>
12,901 to 17,200	4,601 to 6,100	4 per week
17,201 to 21,500	6,101 to 7,700	5 per week
21,501 to 25,000	7,701 to 8,900	6 per week
25,001 to 33,000	8,901 to 11,800	8 per week
33,001 to 41,000	11,801 to 14,600	10 per week
41,001 to 50,000	14,601 to 17,900	12 per week
50,001 to 59,000	17,901 to 21,100	15 per week

CCR, Title 22, Section 64424 establishes the repeat sampling requirements, and states in relevant part:

"(a) If a routine sample is total coliform-positive, the water supplier shall collect a repeat sample set as described in paragraph (a)(1) within 24 hours of being notified of the positive result. The repeat samples shall all be collected within the same 24 hour time period. A single service connection system may request that the Department allow the collection of the repeat sample set over a four-day period.

(1) For a water supplier that normally collects more than one routine sample a month, a repeat sample set shall be at least three samples for each total coliform-positive sample. For a water supplier that normally collects one or fewer samples per month, a repeat sample set shall be at least four samples for each total coliform-positive sample.

(2) If the water supplier is unable to collect the samples within the 24-hour time period specified in subsection (a) or deliver the samples to the laboratory within the 24 hours after collection because of circumstances beyond its control, the water supplier shall notify the Department within 24 hours. The Department will then determine how much time the supplier will have to collect the repeat samples.

(b) When collecting the repeat sample set, the water supplier shall collect at least one repeat sample from the sampling tap where the original total coliform-positive sample was taken. Other repeat samples shall be collected within five service connections upstream or downstream unless there is no upstream and/or downstream service connection.

(c) If one or more samples in the repeat sample set is total-coliform positive, the water supplier shall collect and have analyzed an additional set of repeat samples as specified in subsections (a) and (b). The supplier shall repeat this process until either no coliforms are detected in one complete repeat sample set or the supplier determines that the MCL for total coliforms specified in 64426.1 has been exceeded and notifies the Department.

(d) If a public water system for which fewer than five routine samples/month are collected has one or more total coliform-positive samples, the water supplier shall collect at least five routine samples the following month. If the supplier stops supplying water during the month after the total-coliform positive(s), at least five samples shall be collected during the first month the system resumes operation. A water supplier may request the Department waive the requirement to collect at least five routine samples the following month, but a waiver will not be granted solely on the basis that all repeat samples are total coliform-negative. To request a waiver, one of the following conditions shall be met:

(1) The Department conducts site visit before the end of the next month the system provides water to the public to determine whether additional monitoring and/or corrective action is necessary to protect public health.

(2) The Department determines why the sample was total coliform-positive and establishes that the system has corrected the problem or will correct the problem before the end of the next month the system serves water to the public. If a waiver is granted, a system shall collect at least one routine sample before the end of the next month it serves water to the public and use it to determine compliance with 64426.1."

CCR, Title 22, Section 64426.1 establishes the total coliform maximum contaminant level and states in relevant part:

"(a) Results of all samples collected in a calendar month pursuant to Sections 64423, 64424, and 64425 that are not invalidated by the Department or the laboratory shall be included in determining compliance with the total coliform MCL. Special purpose samples such as those listed in 64421(b) and

1 samples collected by the water supplier during special investigations shall not be used to determine
2 compliance with the total coliform MCL.

3 (b) A public water system is in violation of the total coliform MCL when any of the following
4 occurs:

5 (1) For a public water system which collects at least 40 samples per month, more than 5.0
6 percent of the samples collected during any month are total coliform-positive; or

7 (2) For a public water system with collects fewer than 40 samples per month, more than one
8 sample collected during any month is total coliform-positive; or

9 (3) Any repeat sample is fecal coliform-positive or E. coli-positive; or

10 (4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is
11 total coliform-positive.

12 (c) If a public water system is not in compliance with paragraphs (b)(1) through (4), during any
13 month in which it supplies water to the public, the water supplier shall notify the Department by the end
14 of the business day on which this is determined, unless the determination occurs after the Department
15 office is closed, in which case the supplier shall notify the Department within 24 hours of the
16 determination. The water supplier shall also notify the consumers served by the water system. A Tier 2
17 Public Notice shall be given for violations of paragraphs (b)(1) or (2), pursuant to section 64463.4. A
18 Tier 1 Public Notice shall be given for violations of paragraphs (b)(3) or (4), pursuant to section
19 64463.1."

20 DETERMINATIONS

21 Based upon the above Statement of Facts and Authorities, the Department determines
22 that the Water System has violated the following:

23 1. CCR, Title 22, Section 64424(a); Specifically, during the month of June 2011,
24 the Water System failed to collect repeat samples within 24 hours of
25 notification by the contract laboratory.

26 2. CCR, Title 22, Section 64426.1(b)(2); Specifically, the Water System violated
27 the total coliform MCL for July 2011 when more than one sample collected
from the Water System, tested positive for total coliform bacteria.

The above violations are classified as non-continuing violations.

DIRECTIVES

Grace Community Church is hereby directed to take the following actions:

1. Cease and desist from failing to comply with Section 116555(a) of the California Health and Safety Code (CHSC) and Sections 64424(a) and 64426.1(b)(2) of Title 22, California Code of Regulations.
2. Before providing any emergency disinfection treatment, the Water System shall contact the Department and obtain approval. No emergency disinfection treatment shall be provided before collecting routine or repeat bacteriological quality samples, unless otherwise, approval is obtained from the Department.
3. By **April 30, 2013**, the Water System shall submit a plan and time schedule to clean the pressure tank.

FURTHER ENFORCEMENT ACTIONS

Section 116270, Division 104, Part 12, Chapter 4 of the CHSC authorizes the Department to: issue additional citations with assessment of penalties if the public water system continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the Department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the Department. The Department does not waive any further enforcement action by issuance of this citation.

PARTIES BOUND

This citation shall apply to and be binding upon Grace Community Church, its officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The directives of this citation are severable, and Grace Community Church shall comply with each and every provision thereof, notwithstanding the effectiveness of any other provision.

CIVIL PENALTY

Section 116650, subsection (d) and (e) of the CHSC allow for the assessment of a civil penalty for the failure to comply with the requirements of the Safe Drinking Water Act. Failure to comply with any Directive of this Citation may result in the Department imposing an administrative penalty of not less than \$200 (two hundred dollars) for each day that the violation continues beyond the date set for correction in this Citation.

The Department does not waive any further enforcement action by issuance of this citation, and expressly reserves the right to issue a citation with penalties for the violations on which the Directives of this citation are based.

March 14, 2013
Date

Jaswinder Dhaliwal
Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer
Tehachapi District
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

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Attachments

Attachment A: Bacteriological Summary January 2011 through December 2012

cc: Kern County Environmental Health Services Department (w/o attachments)
Seaco Technologies, Inc.

JSD/an/krc

Attachment A

Grace Community Church

1503648

Distribution System Freq: 1/Q

Sample Date	Time	Location	T Coli	E Coli	F Coli	Type	CI2	Violation	Comment
3/2/2011	10:00	Classroom HB	A	A		Routine			
6/1/2011	13:20	Classroom	P	A		Routine			
6/6/2011	6:45	Classroom	A	A		Repeat			
6/6/2011	6:50	Church	A	A		Repeat			
6/6/2011	6:55	Classroom	A	A		Repeat			
7/6/2011	9:55	Church Front HB	P	A		Routine			
7/6/2011	10:00	Classroom HB	P	A		Routine		MCL	Citation No. 03-19-13C-001 issued.
7/6/2011	10:05	Classroom HB	P	A		Routine			
7/6/2011	10:10	Classroom HB	P	A		Routine			
7/6/2011	10:15	Church Front HB	P	A		Routine			
8/2/2011	7:00	Classroom HB	A	A		Routine			
8/2/2011	7:05	Church HB	A	A		Routine			
8/2/2011	7:10	Classroom HB	A	A		Routine			
8/2/2011	7:15	Church HB	A	A		Routine			
8/2/2011	7:20	Classroom HB	A	A		Routine			
9/6/2011	7:00	Classroom HB	A	A		Routine			
12/5/2011	10:45	Classroom HB	A	A		Routine			
3/1/2012	13:25	Classroom HB	A	A		Routine			
6/5/2012	10:50	Classroom HP	A	A		Routine			
9/4/2012	12:10	Grace Community	P	A		Routine			
9/7/2012	12:25	Class Room HB	A	A		Repeat			
9/7/2012	12:30	Kitchen Faucet	A	A		Repeat			
9/7/2012	12:35	Class Room HB	A	A		Repeat			
10/1/2012	11:55	Class Room HB	A	A		Routine			
10/1/2012	12:00	Church HB	A	A		Routine			
10/1/2012	12:05	Court Yard HB	A	A		Routine			
10/1/2012	12:10	Church HB	A	A		Routine			
10/1/2012	12:15	Class Room HB	A	A		Routine			
12/3/2012	12:50	Classroom HB	A	A		Routine			

Grace Community Church

1503648

Source Monitoring Freq:

<i>Sample Date</i>	<i>Time</i>	<i>Source</i>	<i>T Coli</i>	<i>E Coli</i>	<i>F Coli</i>	<i>Violation</i>	<i>Comment</i>
6/6/2011	6:35	Well / Repeat	A	A			
7/8/2011	8:00	Well / Investigative	A	A			
9/7/2012	12:20	Well / Repeat	A	A			
